

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024757.D
 Acq On : 07 Feb 2020 11:55
 Operator : CG/JU
 Sample : L1399-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F4

Quant Time: Feb 07 15:43:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	296238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1194803	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	829384	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1844739	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1805787	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1983448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	18708	3.04	ng/uL	0.00
5) Phenol-d5	6.60	99	318160	16.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	204262	18.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	296015	16.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	278712	16.78	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	152242	17.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	180192	17.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	320144	15.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	391475	20.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1168166	18.66	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1214093	16.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	151283	14.87	ng/ul	0.00
58) Fluorene-d10	15.06	176	947776	17.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	185997	15.47	ng/ul	0.00
71) Anthracene-d10	16.92	188	1476199	17.53	ng/ul	0.00
79) Pyrene-d10	19.22	212	1676992	18.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1743208	17.50	ng/ul	0.00

Target Compounds

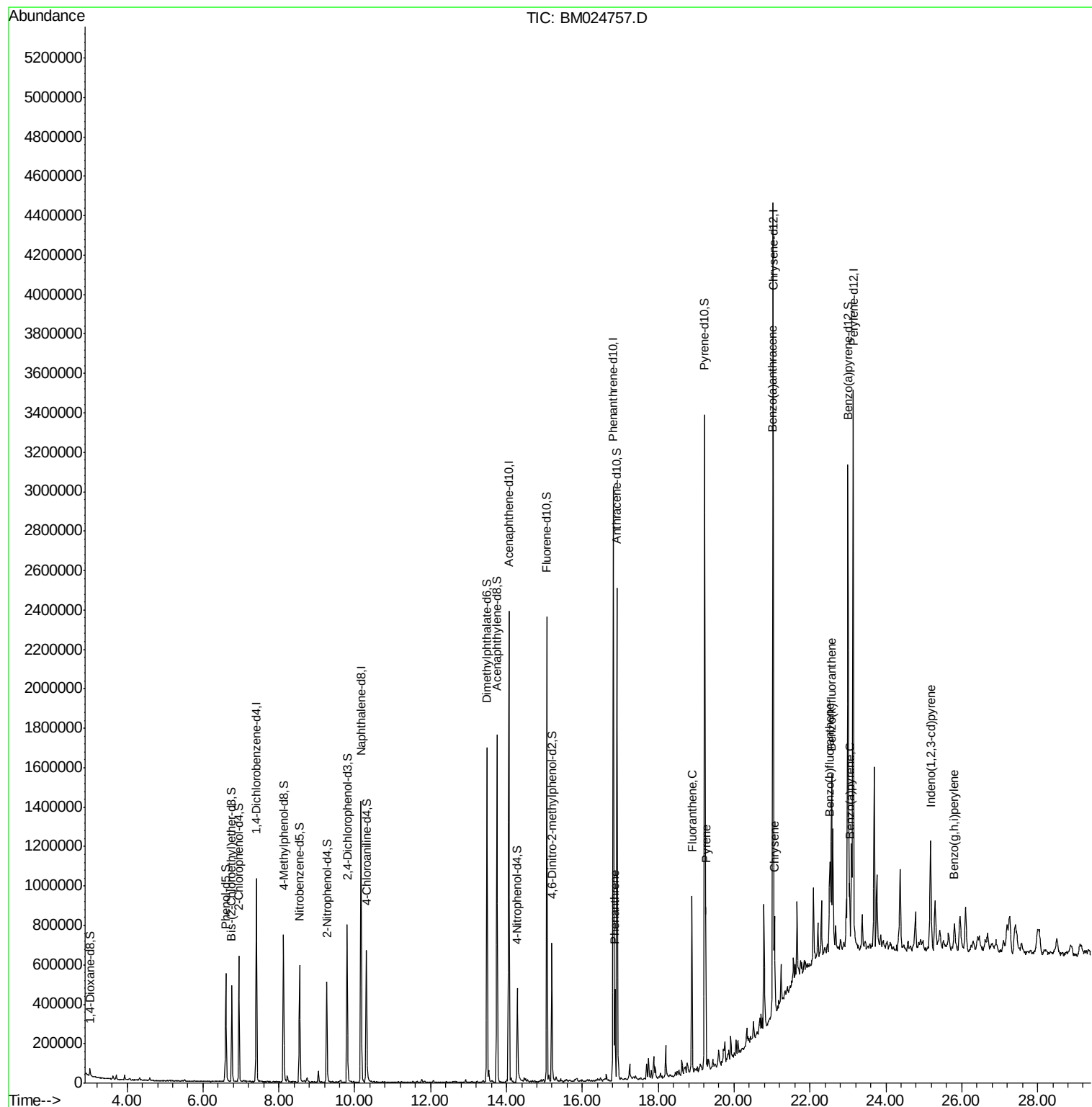
					Ovalue
70) Phenanthrene	16.86	178	261827	2.603 ng/ul	99
77) Fluoranthene	18.89	202	530109	4.293 ng/ul	100
80) Pyrene	19.25	202	490521	4.104 ng/ul	99
83) Benzo(a)anthracene	21.02	228	273427	2.248 ng/ul	94
85) Chrysene	21.06	228	291959	2.438 ng/ul	98
88) Benzo(b)fluoranthene	22.52	252	386729	3.066 ng/ul#	97
89) Benzo(k)fluoranthene	22.56	252	129855	1.070 ng/ul#	94
91) Benzo(a)pyrene	23.04	252	230090	2.035 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	183389	1.303 ng/ul	94
94) Benzo(g,h,i)perylene	25.81	276	144981	1.238 ng/ul	99

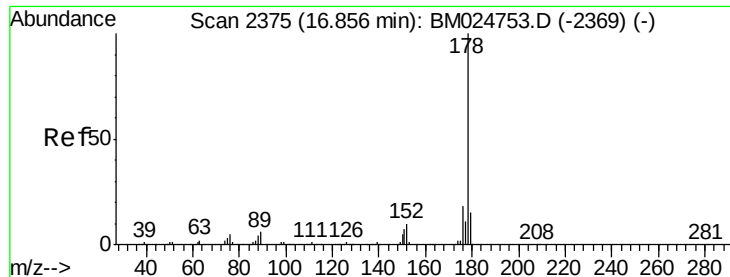
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024757.D
Acq On : 07 Feb 2020 11:55
Operator : CG/JU
Sample : L1399-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6F4

Quant Time: Feb 07 15:43:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.603 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024757.D

Acq: 07 Feb 2020 11:55

Instrument :

BNA_M

ClientSampleId :

CB6F4

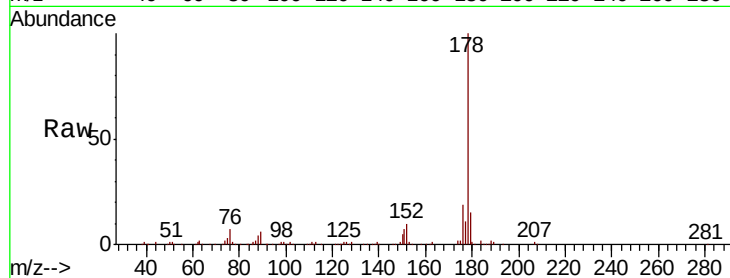
Tot Ion:178 Resp: 261827

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

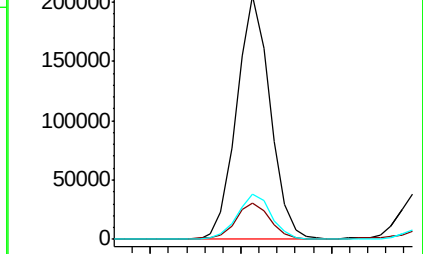
176 18.8 14.5 21.7



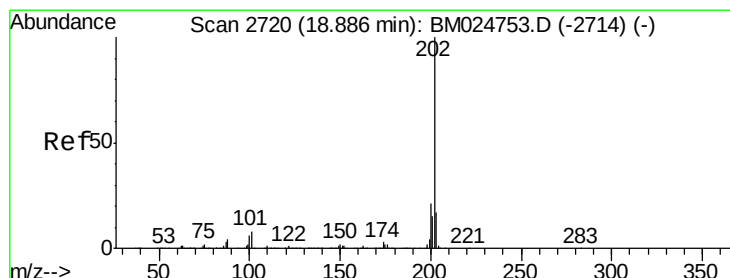
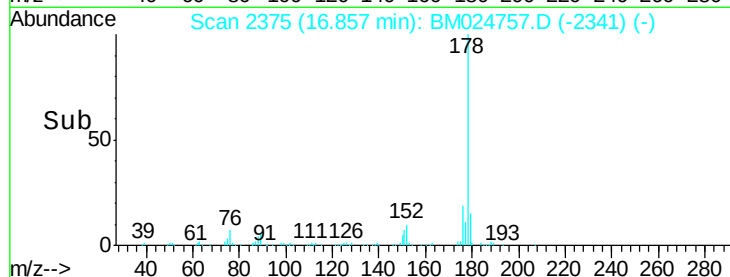
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 4.293 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024757.D

Acq: 07 Feb 2020 11:55

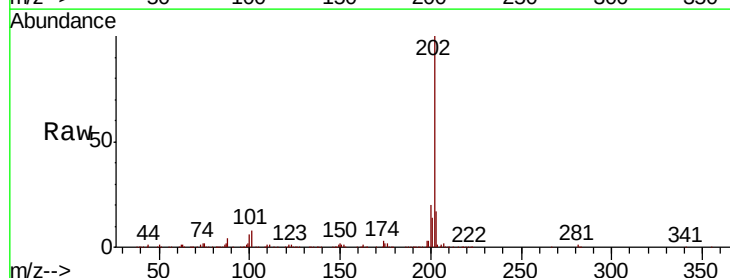
Tgt Ion:202 Resp: 530109

Ion Ratio Lower Upper

202 100

101 7.6 6.1 9.1

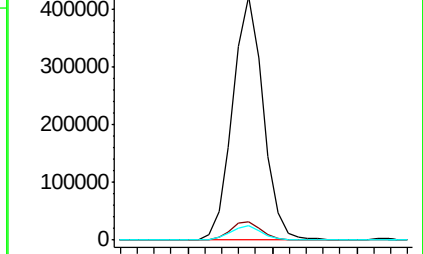
100 6.2 4.8 7.2



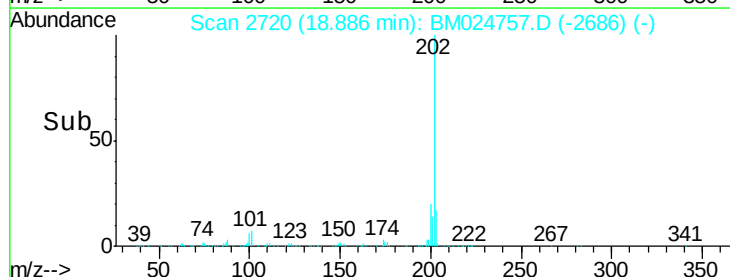
Abundance Ion 202.00 (201.70 to 202.70): E

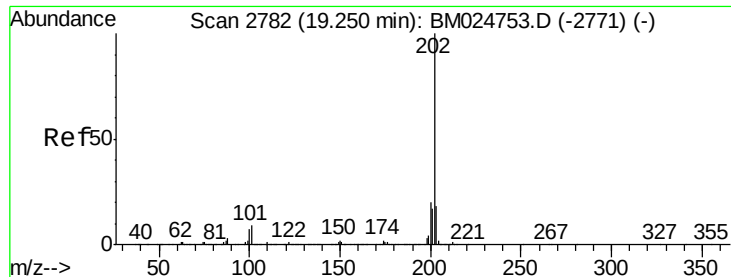
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

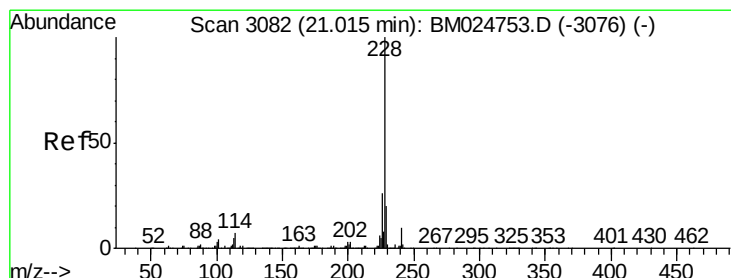
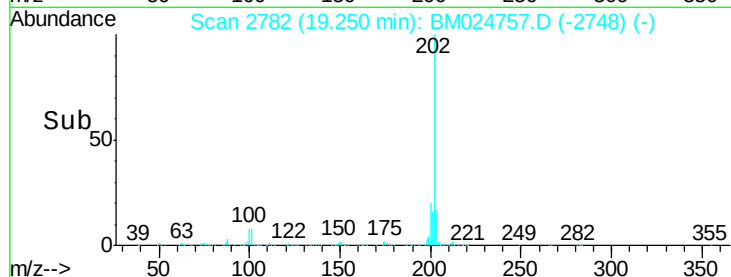
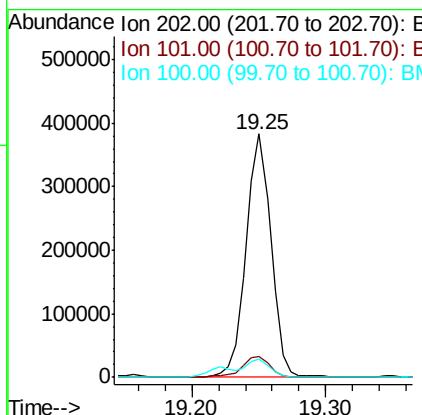
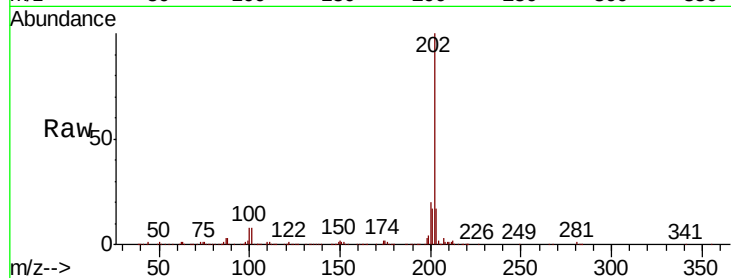




#80
Pvrene
Concen: 4.104 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024757.D
Acq: 07 Feb 2020 11:55

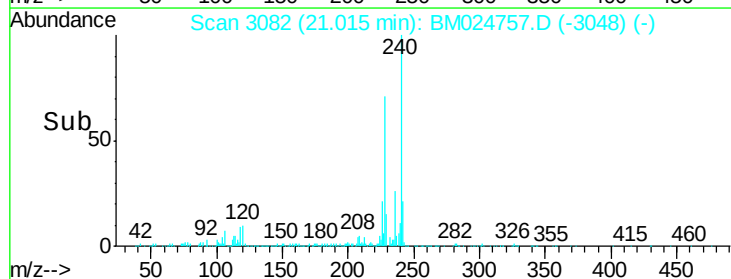
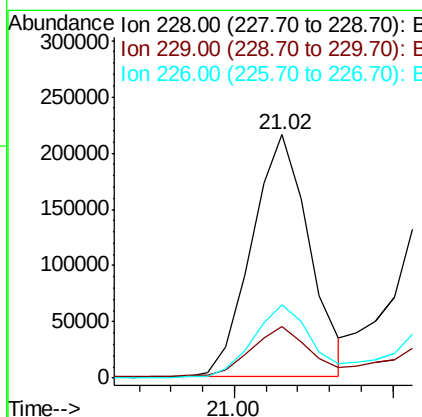
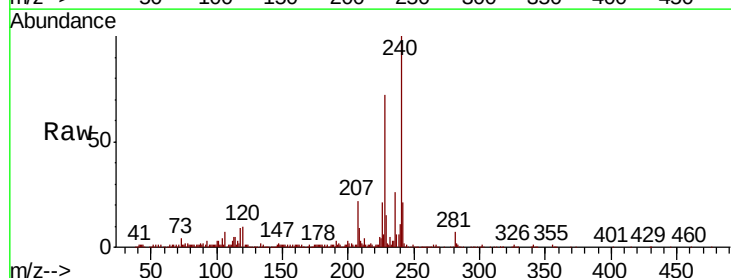
Instrument :
BNA_M
ClientSampleId :
CB6F4

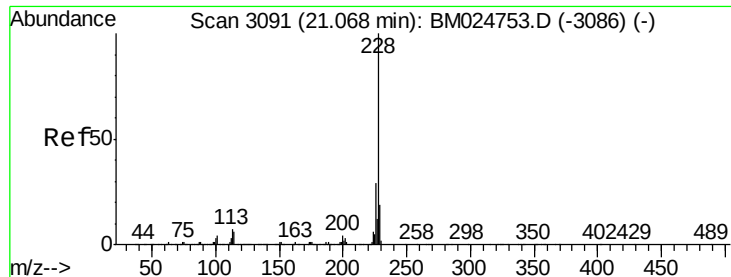
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.0	10.4
100	7.6	5.8	8.8



#83
Benzo(a)anthracene
Concen: 2.248 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024757.D
Acq: 07 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.9	23.9
226	29.9	20.8	31.2





#85

Chrysene

Concen: 2.438 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024757.D

Acq: 07 Feb 2020 11:55

Instrument :

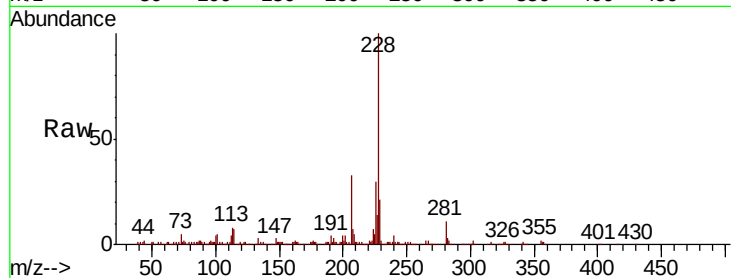
BNA_M

ClientSampleId :

CB6F4

Tot Ion:228 Resp: 291959

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	20.6	15.8	23.8

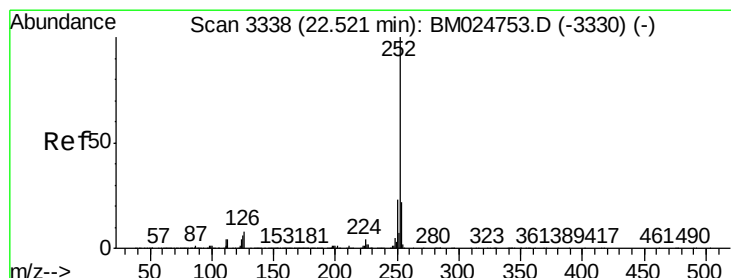
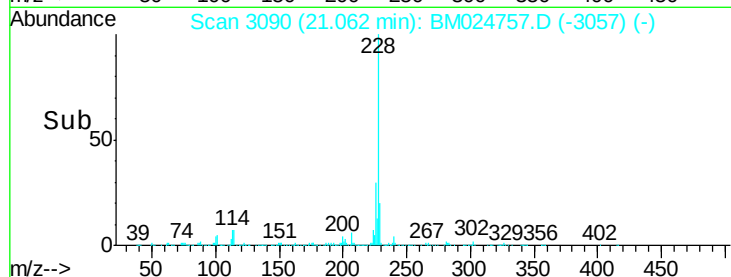
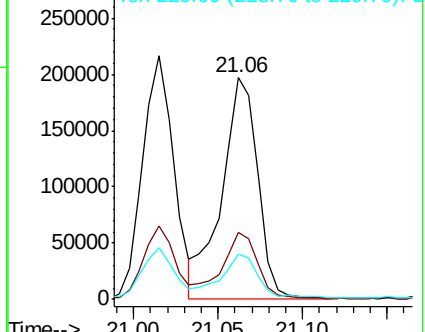


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 3.066 ng/ul

RT: 22.52 min Scan# 3338

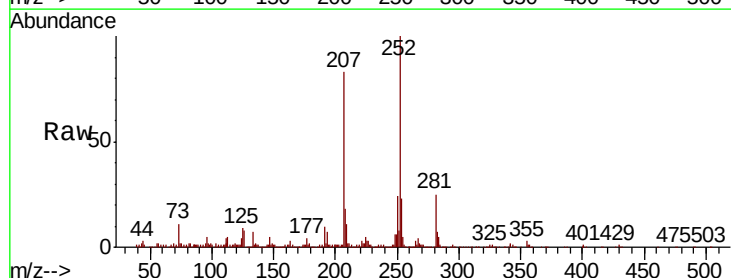
Delta R.T. 0.00 min

Lab File: BM024757.D

Acq: 07 Feb 2020 11:55

Tgt Ion:252 Resp: 386729

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	8.6	5.1	7.7#

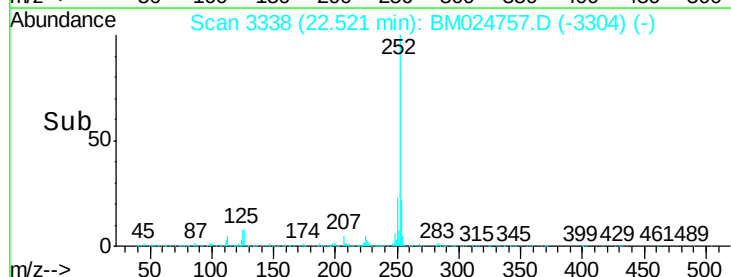
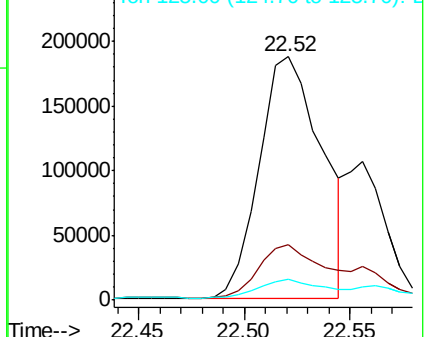


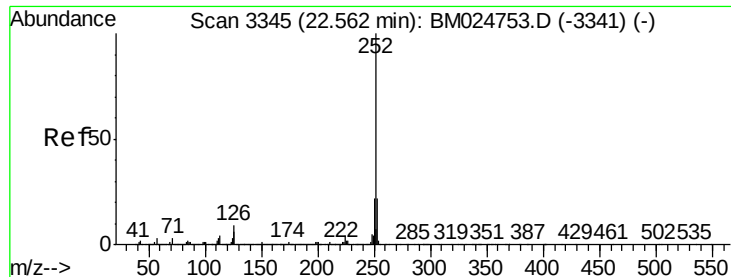
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.070 ng/ul

RT: 22.56 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM024757.D

Acq: 07 Feb 2020 11:55

Instrument :

BNA_M

ClientSampleId :

CB6F4

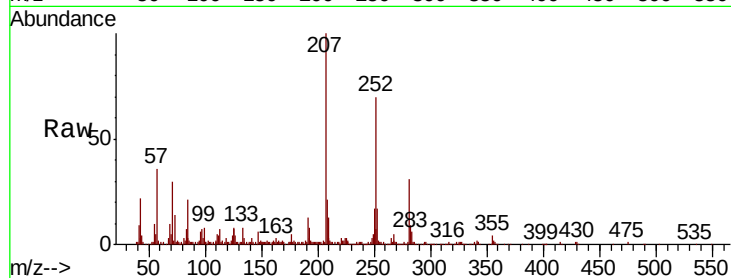
Tot Ion:252 Resp: 129855

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

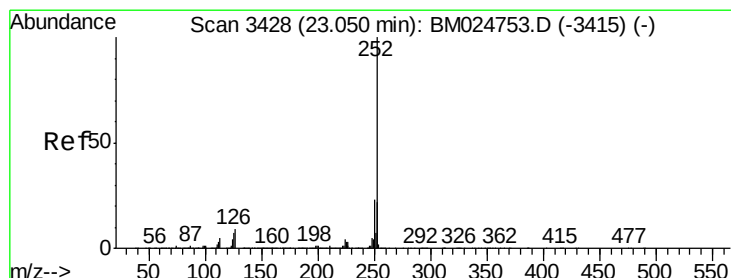
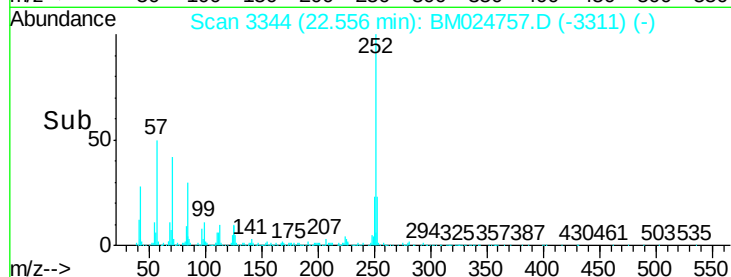
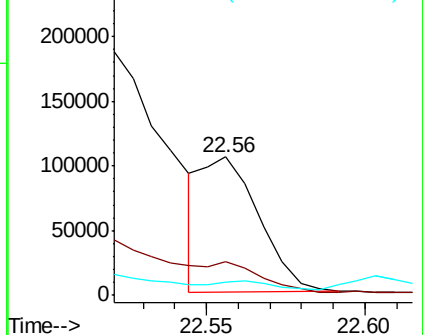
125 9.7 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 2.035 ng/ul

RT: 23.04 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM024757.D

Acq: 07 Feb 2020 11:55

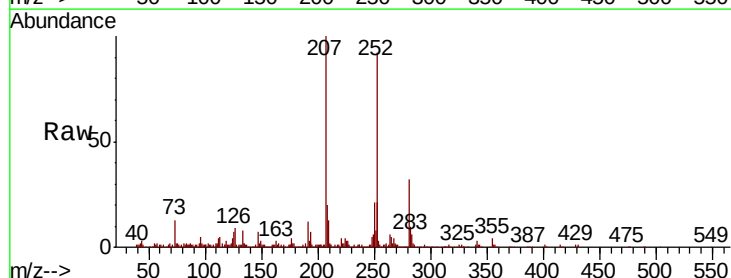
Tgt Ion:252 Resp: 230090

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

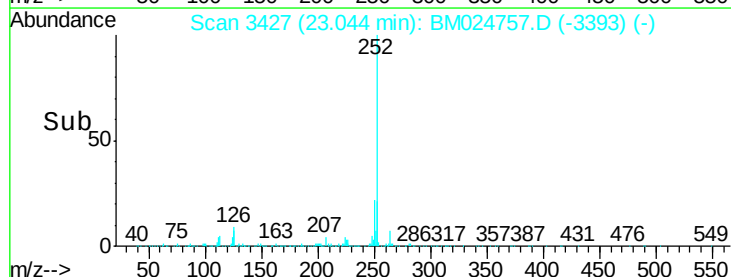
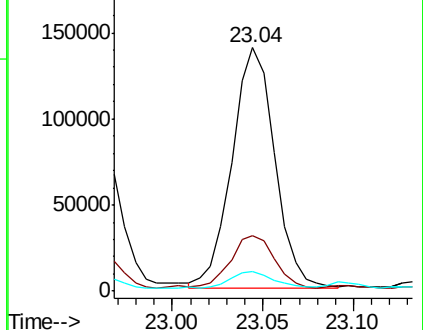
125 8.0 5.6 8.4

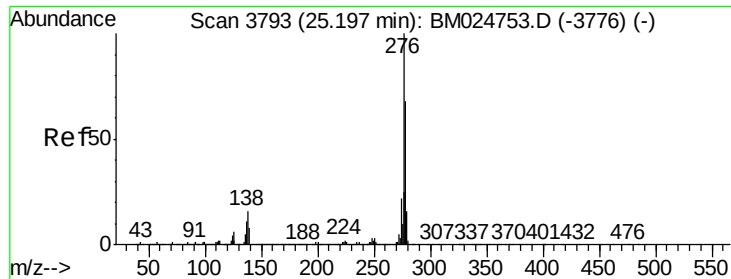


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



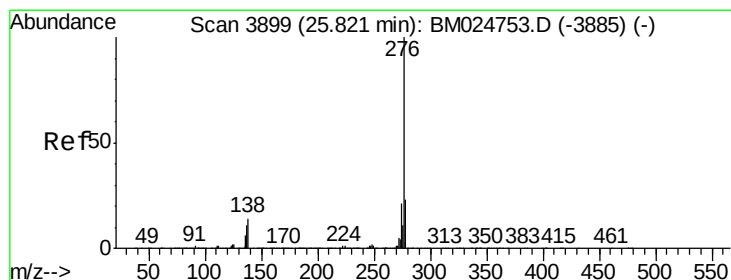
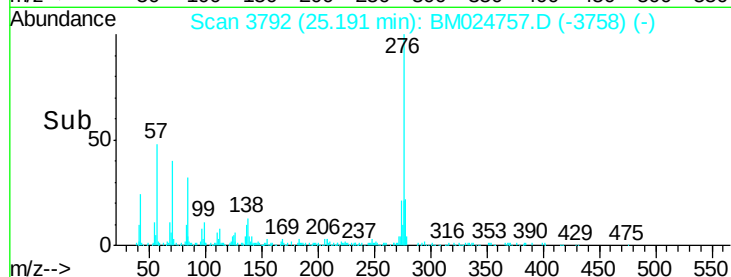
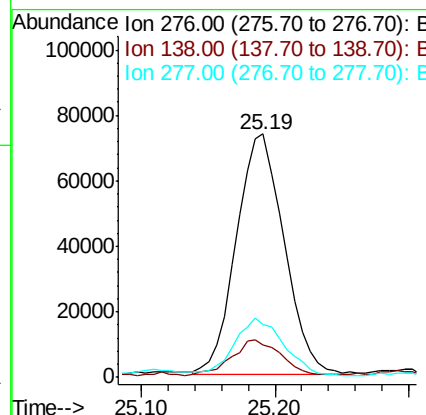
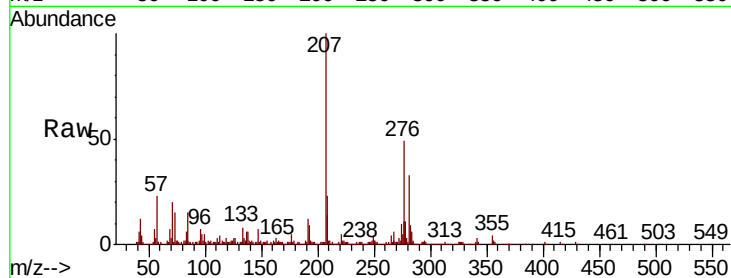


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.303 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. 0.00 min
Lab File: BM024757.D
Acq: 07 Feb 2020 11:55

Instrument :
BNA_M
ClientSampleId :
CB6F4

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.8	19.2
277	21.5	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 1.238 ng/ul
RT: 25.81 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM024757.D
Acq: 07 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	11.8	17.6
277	24.0	19.0	28.6

